

Contents to Volume 38

Volume 38 No. 1 September 1996

P. S. MONTAGUE / On Representations of Conformal Field Theories and the Construction of Orbifolds	1-11
R. L. HUDSON and V. R. STRULECKAJA / Non-Abelian Cohomology and Fermion Flows over \mathbb{Z}_2 -Graded \ast -Algebras	13-22
OLIVIER MATHIEU / On the Dimension of Some Modular Irreducible Representations of the Symmetric Group	23-32
JUN'ICHI SHIRAISHI, HARUNOBU KUBO, HIDETOSHI AWATA and SATORU ODAKE / A Quantum Deformation of the Virasoro Algebra and the Macdonald Symmetric Functions	33-51
ROBERT J. FINKELSTEIN / q -Gravity	53-62
A. BALINSKY and YU. BURMAN / Quadratic Poisson Brackets and the Drinfeld Theory for Associative Algebras	63-75
D. R. DAVIDSON / Endomorphism Semigroups and Lightlike Translations	77-90
ALBERT SCHWARZ / Sigma Models Having Supermanifolds as Target Spaces	91-96
M. V. COUGO-PINTO, C. FARINA and A. TORT / Schwinger's Method for the Fermionic Casimir Effect	97-101
M. DAUMER, D. DÜRR, S. GOLDSTEIN and N. ZANGHÌ / On the Flux-Across-Surfaces Theorem	103-116

Volume 38 No. 2 October 1996

JORGE REZENDE / Time-Dependent Linear Hamiltonian Systems and Quantum Mechanics	117-127
JOHN C. BAEZ / Four-Dimensional BF Theory as a Topological Quantum Field Theory	129-143
MICHIO JIMBO and HIDETAKA SAKAI / A q -Analog of the Sixth Painlevé Equation	145-154

FERNANDO FALCETO and KRZYSZTOF GAWEDZKI / Elliptic Wess–Zumino–Witten Model from Elliptic Chern–Simons Theory	155–175
JINTAI DING / Crystal Algebra	177–183
TERRY GANNON and MARK A. WALTON / Galois Relations on Knot Invariants	185–194
STEPHANIE FRANK SINGER / Action Variables for Toda Lattices	195–201
VIQAR HUSAIN / Symmetries of the Einstein Hamiltonian	203–211
J. FANG, W. J. CHRISTENSEN JR. and M. M. NAKASHIMA / A Generalized Consistency Condition for Massless Fields	213–216
MARIA J. ESTEBAN, VLADIMIR GEORGIEV and ERIC SÉRÉ / Bound-State Solutions of the Maxwell–Dirac and the Klein–Gordon–Dirac Systems	217–220
DÉNES PETZ and HIROSHI HASEGAWA / On the Riemannian Metric of α -Entropies of Density Matrices	221–225

Volume 38 No. 3 November 1996

PAUL MOLIN / A Star Product on the Spherical Harmonics	227–236
J.-P. ANTOINE and I. MAHARA / Classical Yang–Mills–Dirac Equations: Qualitative Analysis of Some Solutions with a Noncompact Symmetry Group	237–255
MARTIN JÖRB / The Construction of Pointlike Localized Charged Fields from Conformal Haag–Kastler Nets	257–274
N. D. SEN GUPTA / On Kicked Quantum Systems	275–282
D. V. ALEKSEEVSKY and V. CORTÉS / Mirror Supersymmetry in the Space of (Super) Extended Poincaré Algebras $\mathfrak{p}(p, q)$	283–287
K. M. TAMIZHMANI, A. RAMANI, B. GRAMMATICOS and Y. OHTA / A Study of the Discrete P_V Equation: Miura Transformations and Particular Solutions	289–296
BERNARD HELFFER / On Laplace Integrals and Transfer Operators in Large Dimension: Examples in the Nonconvex Case	297–312
PAVEL EXNER / Weakly Coupled States on Branching Graphs	313–320
LEONARDO CASTELLANI and ALBERTO PEROTTO / Free Differential Algebras: Their Use in Field Theory and Dual Formulation	321–330

CONTENTS TO VOLUME 38

LUDWIK DABROWSKY and PREETI PARASHAR / h -Deformation of GL (1 1)	331–336
M. V. COUGO-PINTO, C. FARINA and A. TORT / Schwinger's Method for the Fermionic Casimir Effect at Finite Temperature	337–340
<i>Erratum:</i>	
R. J. FINKELSTEIN / q -Field Theory, <i>Lett. Math. Phys.</i> 34 (1995), 169–179	341

Volume 38 No. 4 December 1996

WERNER FISCHER, HAJO LESCHKE and PETER MÜLLER / Towards Localisation by Gaussian Random Potentials in Multi-Dimensional Continuous Space	343–348
L. BONORA, C. P. CONSTANTINIDIS and E. VINTELER / Toda Lattice Realization of Integrable Hierarchies	349–363
E. ALDROVANDI / Toda Fields on Riemann Surfaces: Remarks on the Miura Transformation	365–375
WANG ZHENG-DONG / The Construction of a Representation of Loop Algebras	377–388
R. M. KASHAEV / On Discrete Three-Dimensional Equations Associated with the Local Yang–Baxter Relation	389–397
HUZIHIRO ARAKI / Finite Energy Sectors of the XY Model	399–410
WOLFGANG KÜHNEL and HANS-BERT RADEMACHER / Twistor Spinors and Gravitational Instantons	411–419
YVETTE KOSMANN-SCHWARZBACH / The Lie Bialgebroid of a Poisson–Nijenhuis Manifold	421–428
B. ENRIQUEZ and V. RUBTSOV / Compatible Poisson–Lie Structures on the Loop Group of SL_2	429–436
GABRIELLA BÖHM and KORNÉL SZLACHÁNYI / A Coassociative C^* -Quantum Group with Nonintegral Dimensions	437–456

Cumulative Index, Volumes 36–38 (1996)

6

